

Date: Fri, 11 Feb 94 17:30:12 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #136
To: Info-Hams

Info-Hams Digest Fri, 11 Feb 94 Volume 94 : Issue 136

Today's Topics:

1974 Fox Tango Newsletters needed (Yaesu)
40 Meter Loop Antenna
Cal. State Univ. Northridge Police Dept. earthquake experience
Copying High-Speed CW: Print or Script? (2 msgs)
Golf Causes Cancer!
Help w/ GE MPro Repeater
Nude amateur radio clubs
ORBS\$042.2L.AMSAT
Power Supply Questions
This Week on Spectrum 02/12/94
Yaesu FT-5100 <-> MFJ-1270B

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 8 Feb 94 13:53:05
From: nntp.ucsb.edu!library.ucla.edu!agate!msuinfo!netnews.upenn.edu!
mipg.upenn.edu!yee@network.ucsd.edu
Subject: 1974 Fox Tango Newsletters needed (Yaesu)
To: info-hams@ucsd.edu

I have ordered (as part of a group purchase) the Yaesu FoxTango
newsletters from IRC. Unfortunately, the 1974 newsletters are no
longer available. I would like to obtain copies of the 1974
newsletters. Does anyone have them? I would be more than happy to
pay for copying charges.

--

Medical Image Processing Group		Conway Yee, N2JWQ
411 Blockley Hall		EMAIL : yee@mipg.upenn.edu
418 Service Drive		VOICE : 1 (215) 662-6780
Philadelphia, PA 19104-6021 (USA)		FAX : 1 (215) 898-9145

Date: 10 Feb 94 14:54:01 GMT
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!vixen.cso.uiuc.edu!
roundup.crhc.uiuc.edu!eagle.csl.uiuc.edu!gene@network.ucsd.edu
Subject: 40 Meter Loop Antenna
To: info-hams@ucsd.edu

See January '94 issue of WorldRadio magazine, p. 62 concerning the "camping"
comment, i.e. 2-turn, 5.5 ft diameter 40-80 vertical-loop. Also see the
June '93 issue (160-80-40 compact loops) for similar information.

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Internet, BITNET: gene@csl.uiuc.edu

Date: 11 Feb 1994 20:40:41 GMT
From: news.service.uci.edu!mothra.nts.uci.edu!lockhart@network.ucsd.edu
Subject: Cal. State Univ. Northridge Police Dept. earthquake experience
To: info-hams@ucsd.edu

The following article was lifted from the February 1994 edition of the
California Public-Safety Radio Association (CPRA) newsletter and is
written by Mr. Robert A. Stoffel. Mr. Stoffel is the Operations
Chairperson. CPRA is a Chapter of Associated Public-Safety Commu-
nications Officers, Inc.

I've edited the text very lightly, but the information is unaffected.
The article is posted in rec.radio.amateur.misc because amateur radio
is discussed as a disaster recovery aid.

CPRA - Operations Chairman
Robert A. Stoffel
County of Orange
Communications Division
840 N. Eckhoff St, Suite 104
Orange, CA 92688-1021
Phone: (714) 834-7211
FAX: (714) 834-7210

NEWS AND VIEWS FROM THE OPERATIONS COMMITTEE

. . "Attention All Units and Stations"

Greetings from the Operations Committee. Everyone in Southern California is still talking about the recent earthquake, so I thought I would take a trip to the public safety communications center that was closest to the epicenter. This was of course the California State University Police Department at California State University, Northridge. The Police Department is on the first floor of a four story building located on the campus. The other three floors are used for student dorms.

Cal State Northridge Police Dispatch is like your typical small sized law enforcement operation. The Police Department operates on a VHF high-band simplex radio system, with a remote base located on top of an eight story campus building. A backup local base is also installed at the police building. Communications on this channel, plus several other campus operations is accomplished from a two-bay, Motorola CentraComm II console. The center also houses a compliment of equipment, including a CLETs terminal, CCTV monitors, alarm panels and printers.

During the early morning hours of January 17, only one dispatcher and one patrol unit was on duty. Most of the campus was vacant, as the school was on recess. Only about 500 students were living in campus housing facilities, as opposed to the 2,000 that are normally on-site when school is in session. This of course doesn't count the many thousands of students who would have been on campus if classes were in session. At 04:30:55.3 (local time) the M6.8 earthquake struck, and immediately knocked out all power and telephone systems. All contents inside the dispatch center went flying, and the immediate structural damage started. The emergency generator did not start, causing failure of the base station radios and loss of all power. The dispatcher was able to escape flying and falling equipment until the shaking stopped, however, the damage was so severe that the doors were jammed shut, preventing an exit from the building. Another officer was able to help the dispatcher escape, On the way out, all portable radios were grabbed and brought out with them.

With no place to go, all operations were moved to an open field on campus. Operations continued in this field for the next 24 hours until inspection teams checked the damage and declared it safe to return. Officer Dana Archer, who was off duty at the time, arrived on campus within a couple of hours. Having a background in communications, Dana was able to improvise a field dispatch center.

This was accomplished by taking a mobile radio, hooking it to a power supply, then to a portable generator. A car antenna was used as the "base" antenna. By the second day Cal State University, Fullerton provided a mobile command post trailer that was used as a field dispatch center, especially during aftershocks when the main building was again evacuated.

Officer Archer provides some food for thought, after experiencing the devastation of this earthquake, for other dispatch centers. Start with the basics, like ensuring all equipment in the center is secure, and supplies like water and food are readily available.

From that point, make sure that bigger things are established in your agency. For example, each agency should have a designated ECO and a mobile command vehicle that can accommodate a communications center operation, should it be necessary to evacuate your own center. Have some type of back-up communications equipment that can talk to an adjoining agency. Cal State Northridge Police have an LAPD radio, and all emergency requests for law and fire assistance were placed over this radio, since all phone lines were down. Several fires broke out on the campus, and this was the only link available for obtaining assistance. Finally, use the resources of amateur radio. If not established, start a RACES program to supplement and support the communication needs of your agency when disaster strikes. Cal State Northridge does not have such a program in place, but Officer Archer noted that if they had, it would have been an excellent way to communicate with the "outside world".

I want to thank CSUN Police Office Dana Archer for taking the time to give us all something to think about, and items to check on at our own dispatch center. He leaves us with this comment, which applies to every agency, large or small, "If you are expected to provide public safety service, you have to have a plan, a back-up plan, and the facilities to handle an emergency such as this."

Date: Fri, 11 Feb 1994 16:14:33 GMT
From: world!barnaby@uunet.uu.net
Subject: Copying High-Speed CW: Print or Script?
To: info-hams@ucsd.edu

gau.landm@tekig7.PEN.TEK.COM (Mike Gauland) writes:

>A mailing I read is involved in a comparison of the speeds of
>printing and cursive writing. I decided to consult some experts.
>So, all you high-speed CW ops, which do _you_ use?

>Michael A. Gauland gaulandm@tekig7.PEN.TEK.COM
>AA7JF (503) 627-5067

Gosh Michael,
My cursive is so bad, *I* can't read it after I write it.
My lettering is quite good (many years of Mechanical Drawing experience)
and so I use lettering for all handwritten correspondence, and CW copy.
However I've had to adopt hybrid style to copy at 25 WPM (my current
threshold). As stated in an earlier thread, I've tried typewriters
with poor luck, as they are less easy to correct.
What I use is a lowercase cursive 'e' (looks like a squiggle) for "E"
a lowercase "t" with a long tail and no cross for a "the".
a "Plus sign" for "and"
I'd be interested to know what abbreviations others use for characters/words
73 Barnaby barnaby@world,std,com (AA1IB)
7

Date: Fri, 11 Feb 1994 20:31:04 GMT
From: agate!howland.reston.ans.net!math.ohio-state.edu!sdd.hp.com!col.hp.com!
srngenprp!alanb@network.ucsd.edu
Subject: Copying High-Speed CW: Print or Script?
To: info-hams@ucsd.edu

Richard L Barnaby (barnaby@world.std.com) wrote:

: What I use is a lowercase cursive 'e' (looks like a squiggle) for "E" ...

"E" is the hardest letter to copy fast in Morse code for two reasons:
It is the fastest to send (a single dit) and the longest to write
(4 separate lines). The standard solution most telegraphers have used
for decades is to write the "E" in a single motion like a backwards "3".

Fortunately, the other short letters (T, I, S) are also fast to write.

AL N1AL

Date: 11 Feb 94 21:13:44 GMT
From: ogicse!news.tek.com!gvgpsa.gvg.tek.com!gold.gvg.tek.com!gvgadg.gvg.tek.com!
groverc@network.ucsd.edu
Subject: Golf Causes Cancer!
To: info-hams@ucsd.edu

> Steve Coletti (bigsteve@dorsai.dorsai.org) wrote:
> : In article <CKxq14.LvA@srngenprp.sr.hp.com>, Alan Bloom wrote:

> : > to investigate the death rates of golf course managers. The study
> : > found that golf course managers have death rates from several kinds
> : > of cancer that are significantly higher than the national norm.

It sounds as though Mark Twain was right when he described golf as

"A good walk ruined."

I wonder if just hanging around all those country club types
could cause cancer.

Grover
WT6P

Date: 11 Feb 1994 16:37:15 -0800
From: news.cerf.net!coyote.rain.org!coyote.rain.org!not-for-mail@network.ucsd.edu
Subject: Help w/ GE MPro Repeater
To: info-hams@ucsd.edu

I need help obtaining crystals for a GE MasterPro Repeater
that I recently obtained and would like to test and prepare
for operation. Can anyone suggest a Mail-Order outfit that
would have them. I have the tubes already.
I just want to start out testing the thing simplex so I can
learn.....
Please E-mail to sterman@rain.org KD6BYG

Date: Thu, 10 Feb 1994 19:25:36 GMT
From: library.ucla.edu!europa.eng.gtefsd.com!howland.reston.ans.net!
news.moneng.mei.com!uwm.edu!mixcom.com!kevin.jessup@network.ucsd.edu
Subject: Nude amateur radio clubs
To: info-hams@ucsd.edu

In <gdavis.760825204@griffin> gdavis@griffin.uvm.edu (Gary Davis) writes:

>There is, according to the CBC, a nudist amateur radio club.

>- In the Buff
>Gary WQ1F

First the "codeless" TECHNICIAN license. Then an article in the amateur

radio areas of the internet on "erection aids".

Now, nudist amateur radio clubs! What's become of our hobby?? :-)))

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```
/'- _      kevin.jessup@mixcom.com |
{      }/ Marquette Electronics, Inc |   I suport publick skools! ;- )
\      / Milwaukee, Wisconsin, USA |
|__*| N9SQB, ARRL, Amateur Radio |
```

Date: 11 Feb 94 13:57:00 GMT
From: news-mail-gateway@ucsd.edu
Subject: ORBS\$042.2L.AMSAT
To: info-hams@ucsd.edu

SB KEPS @ AMSAT \$ORBS-042.N
2Line Orbital Elements 042.AMSAT

HR AMSAT ORBITAL ELEMENTS FOR AMATEUR SATELLITES IN NASA FORMAT
FROM WA5QGD FORT WORTH,TX February 11, 1994
BID: \$ORBS-042.N

DECODE 2-LINE ELSETS WITH THE FOLLOWING KEY:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGG HHH.HHHH III.IIII JJ.JJJJJJJKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

TO ALL RADIO AMATEURS BT

A0-10

1 14129U 83058B 94040.06708801 -.00000148 00000-0 10000-3 0 2607
2 14129 27.2057 342.5166 6022455 153.1354 258.3191 2.05877972 80144

U0-11

1 14781U 84021B 94040.53052044 .00000322 00000-0 62635-4 0 6637
2 14781 97.7907 61.1932 0011408 323.9974 36.0464 14.69140692531560

RS-10/11

1 18129U 87054A 94040.55124186 .00000030 00000-0 16659-4 0 8605
2 18129 82.9210 63.1886 0012804 25.2124 334.9655 13.72330924332409

A0-13

1 19216U 88051B 94040.93964943 .00000390 00000-0 10000-4 0 8755
2 19216 57.8821 268.9522 7208878 334.5703 3.1370 2.09717918 43343

F0-20

1 20480U 90013C 94035.98074861 -.00000022 00000-0 31548-4 0 6561
2 20480 99.0184 212.8744 0540153 279.0888 74.9498 12.83223693187179

A0-21

1	21087U	91006A	94041.01003248	.000000094	000000-0	82657-4	0	4237
2	21087	82.9396	236.8134	0036944	77.6411	282.8874	13.74533854152118	
RS-12/13								
1	21089U	91007A	94040.58590730	.000000042	000000-0	27829-4	0	6615
2	21089	82.9204	106.0890	0030651	102.2186	258.2406	13.74034795151126	
ARSENE								
1	22654U	93031B	93338.80803910	-.000000087	000000-0	000000	0 0	2437
2	22654	1.4104	113.5274	2936576	161.9838	210.8642	1.42202044	2990
UO-14								
1	20437U	90005B	94037.22619383	.000000077	000000-0	47034-4	0	9612
2	20437	98.5971	123.7526	0010334	214.1893	145.8624	14.29821595210876	
AO-16								
1	20439U	90005D	94037.21681236	.000000071	000000-0	44536-4	0	7626
2	20439	98.6031	124.8401	0010724	214.1741	145.8750	14.29877371210889	
DO-17								
1	20440U	90005E	94040.75231196	.000000060	000000-0	40428-4	0	7621
2	20440	98.6061	128.6181	0010852	203.0624	157.0068	14.30016024211408	
WO-18								
1	20441U	90005F	94037.22688753	.000000066	000000-0	42405-4	0	7628
2	20441	98.6048	125.1409	0011314	214.6745	145.3695	14.29991649210908	
LO-19								
1	20442U	90005G	94037.21376903	.000000072	000000-0	44757-4	0	7617
2	20442	98.6040	125.3540	0011701	213.9496	146.0939	14.30085714210913	
UO-22								
1	21575U	91050B	94040.70538846	.000000085	000000-0	43536-4	0	4637
2	21575	98.4469	117.7141	0007501	318.1128	41.9484	14.36888785134771	
KO-23								
1	22077U	92052B	94041.42783993	-.000000037	000000-0	10000-3	0	3583
2	22077	66.0820	185.3819	0009572	318.8321	41.1977	12.86284604	70485
AO-27								
1	22825U	93061C	94037.24428981	.000000055	000000-0	40372-4	0	2598
2	22825	98.6630	114.3002	0008288	227.9109	132.1364	14.27605705	19007
IO-26								
1	22826U	93061D	94037.72532850	.000000066	000000-0	44626-4	0	2603
2	22826	98.6651	114.7973	0008457	230.9496	129.0928	14.27708094	19076
KO-25								
1	22830U	93061H	94040.70815228	.000000057	000000-0	40495-4	0	2625
2	22830	98.5680	116.3594	0011136	187.2116	172.8898	14.28032363	19500
NOAA-9								
1	15427U	84123A	94040.90849396	.000000049	000000-0	50435-4	0	7095
2	15427	99.0697	89.8019	0014366	217.1066	142.9114	14.13586894472362	
NOAA-10								
1	16969U	86073A	94040.91622187	.000000075	000000-0	50459-4	0	6073
2	16969	98.5109	53.7900	0013419	346.1037	13.9772	14.24863433384485	
MET-2/17								
1	18820U	88005A	94040.41461213	.000000074	000000-0	52632-4	0	2603
2	18820	82.5397	10.2207	0016130	174.2344	185.9005	13.84706640304670	
MET-3/2								

1	19336U	88064A	94039.99790931	.000000051	00000-0	10000-3	0	2623
2	19336	82.5380	54.3969 0015730	222.0779	137.9138	13.16964807266383		
NOAA-11								
1	19531U	88089A	94040.89310848	.000000099	00000-0	78246-4	0	5131
2	19531	99.1603	26.7549 0012242	127.5055	232.7231	14.12957503277247		
MET-2/18								
1	19851U	89018A	94040.58249263	.000000046	00000-0	27583-4	0	2617
2	19851	82.5181	245.6465 0012880	224.0063	136.0047	13.84356993250031		
MET-3/3								
1	20305U	89086A	94040.90489425	.000000044	00000-0	10000-3	0	9823
2	20305	82.5493	357.9703 0005714	252.5364	107.5110	13.04423038206305		
MET-2/19								
1	20670U	90057A	94040.79306496	.000000024	00000-0	79036-5	0	7621
2	20670	82.5504	309.6649 0016176	139.0978	221.1403	13.84188455182995		
FY-1/2								
1	20788U	90081A	94041.23792391	-.000000256	00000-0	-14146-3	0	8899
2	20788	98.8429	65.4112 0014899	8.2542	351.8867	14.01324157175928		
MET-2/20								
1	20826U	90086A	94040.59762982	.000000082	00000-0	60627-4	0	7618
2	20826	82.5218	247.4867 0014958	48.7238	311.5204	13.83572578170118		
MET-3/4								
1	21232U	91030A	94040.56395652	.000000051	00000-0	10000-3	0	6695
2	21232	82.5392	259.8160 0013347	141.0577	219.1526	13.16459526134562		
NOAA-12								
1	21263U	91032A	94039.95700562	.000000136	00000-0	80464-4	0	9196
2	21263	98.6320	70.4809 0012014	247.6730	112.3172	14.22366100142301		
MET-3/5								
1	21655U	91056A	94039.95480389	.000000051	00000-0	10000-3	0	6651
2	21655	82.5517	207.2863 0013312	152.8840	207.2989	13.16827561119586		
MET-2/21								
1	22782U	93055A	94040.74736914	.000000093	00000-0	71559-4	0	2616
2	22782	82.5509	307.4298 0021041	221.4188	138.5364	13.83000237 22471		
POSAT								
1	22829U	93061G	94037.20759234	.000000070	00000-0	45885-4	0	2520
2	22829	98.6603	114.2924 0009404	217.5862	142.4662	14.28001942 19004		
MIR								
1	16609U	86017A	94041.42205754	.000111161	00000-0	14078-3	0	1312
2	16609	51.6168	102.3559 0004327	318.6406	41.4259	15.60125914456273		
HUBBLE								
1	20580U	90037B	94037.44922672	.000000964	00000-0	81415-4	0	4349
2	20580	28.4703	355.6949 0006487	159.4554	200.6293	14.90460557 9866		
GRO								
1	21225U	91027B	94040.40150147	.00005773	00000-0	13376-3	0	648
2	21225	28.4620	38.7432 0003896	207.9052	152.1343	15.40033195 37217		
UARS								
1	21701U	91063B	94041.38819457	.00002182	00000-0	21249-3	0	4767
2	21701	56.9858	307.1671 0004660	110.5959	249.5594	14.96301395131953		
/EX								

Date: Thu, 10 Feb 1994 10:32:12 -0800
From: munnari.oz.au!spool.mu.edu!news.nd.edu!news1.oakland.edu!destroyer!ncar!
elroy.jpl.nasa.gov!mcws!FUsenetToss@network.ucsd.edu
Subject: Power Supply Questions
To: info-hams@ucsd.edu

In general, 200 mV ripple should be adequate for most mobile type rigs. As for load regulation, the main thing is not to apply excessive input to the rig at any time; read the specifications to determine what that level is.

I tend to operate my mobile type rigs (in the shack) at reduced potential to increase reliability and lamp life. Thus, rather than goosing the rig to 14 Volts to get a little more output, I tend to run it at 12.2 or so; that way I may never have to fix the thing.

If your power supply has poor load regulation, try adding a bleeder resistor (dummy load); most of the time the majority of the increase occurs at less than 10% of rated load due to capacitors charging to peak values.

Let me know if I can help further; I used to do power supply circuit design for a living... 73 DE K6DDX

Date: 10 Feb 1994 10:59:58 -0500
From: agate!doc.ic.ac.uk!warwick!uknet!pipex!sunic!psinntp!psinntp!pwc.com!
psinntp!starcomm.overleaf.com!not-for-mail@network.ucsd.edu
Subject: This Week on Spectrum 02/12/94
To: info-hams@ucsd.edu

This week's Spectrum will feature a listener appreciation and input segment. It will be your opportunity to give us feedback. What you like, what you don't like and or what you would change if you were in the Spectrum drivers seat. In addition we'll have lots of the features you enjoy.

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Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)
Monday at 0400 UTC (2300 EST Sunday),
on WWCR, 7435 KHz, Nashville, TN (World Wide)

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Spectrum, "The Communications Magazine You Read With Your Ears."
Box 722, Holmdel, NJ, 07733-0722, USA
spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com
+1 800-787-SPECTRUM, +1 908-671-4209

Date: 11 Feb 1994 11:17:42 -0500
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!uhog.mit.edu!
news.intercon.com!panix!not-for-mail@network.ucsd.edu
Subject: Yaesu FT-5100 <-> MFJ-1270B
To: info-hams@ucsd.edu

plymale@myhost.subdomain.domain wrote:

: I'm trying to interface a Yaesu FT-5100 to a MFJ-1270B TNC via
: the 5100's DATA IN/OUT jack. I constructed a connector based on
: the instructions in the 5100 manual. The problem is that the
: transmit audio level out of the TNC is way too low. Adjusting
: trimpot R76 during the 1270B recalibration procedure does not help.
: Any suggestions for increasing transmit audio level are appreciated.

: Thanks...

: Bill - KD4CIY

: --

: Bill Plymale plymale@mousetrap.es.vt.edu 703-231-9530
: Virginia Tech (Enrollment Services Information Systems)

Date: 10 Feb 1994 13:52:45 GMT
From: concert!news.duke.edu!acpub.duke.edu!thomasr@decwrl.dec.com
To: info-hams@ucsd.edu

References <gdavis.760825204@griffin>, <2jd6kj\$mqt@clarknet.clark.net>,
<mosier.83.0@fagan.uncg.edu>1
Subject : Re: Nude amateur radio clubs

Maybe the nude radio club is run by N9UDE

Date: Fri, 11 Feb 1994 16:38:28 GMT
From: agate!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!
ez006683@network.ucsd.edu
To: info-hams@ucsd.edu

References <CKsGp5.2KF@world.std.com>, <CKt1vn.JL9@world.std.com>,
<1994Feb8.160225.18607@mks.com>
Subject : Re: Operating in Canada?

Rich Wales (richw@mks.com) wrote:

: Please be careful here not to fall into the fallacy of assuming that US
: and Canadian citizenship are mutually exclusive. Contrary to popular
: belief, US law does =not= ban dual citizenship; and, for that matter,
: neither does Canadian law. Lots of people are citizens (by birth or by
: naturalization) of both the US and Canada; the US State Department knows
: about them and explicitly doesn't mind. If anyone is interested in more
: info on this subject, I'll be glad to oblige.

That is only for US citizens. A Canadian cannot be granted US
citizenship without renouncing thier Canadian citizenship. I have a
friend who married a Canadian national, she had to renounce her Canadian
citizenship to become a US citizen. She then went back to Canada and
became a nauralized Canadian too. In short, you can only have one
citizenship when you accept US citizenship, but you can add others as you
go.

Dan

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@KE6LW.#nocal.ca.usa      *
*                    Internet: ddtodd@ucdavis.edu             *
*                    Snail Mail: 1750 Hanover #102             *
*                    Davis CA 95616                           *
*-----*
*   The only thing I can officially say for the University is:  *
*   What I say is in no way related to ofical University policy *
*-----*
```

Date: Fri, 11 Feb 1994 16:23:11 GMT
From: agate!netsys!direct!kg7bk@network.ucsd.edu
To: info-hams@ucsd.edu

References <1994Feb10.230316.2343@ke4zv.atl.ga.us>,
<CL1F5v.KID@srgenprp.sr.hp.com>, <2jg9ft\$8ds@hp-col.col.hp.com>
Subject : Re: Vertical Antennas

Mike Stansberry (jms@col.hp.com) wrote:

: : (Is anybody else still following this convoluted discussion?)
: : AL N1AL

: Yes, but you're both over my head. I still read it, though.
: Mike, K0TER

Would everybody (anybody) trust ELNEC to settle this discussion?

73, Cecil, kg7bk@indirect.com

End of Info-Hams Digest V94 #136

